

Odall-1

PAT19669

S.L.C.
Tom Udare

AMENDMENT NO. _____ Calendar No. _____

Purpose: To require the use of advanced leak detection technology for pipelines.

IN THE SENATE OF THE UNITED STATES—116th Cong., 1st Sess.

S. 2299

To amend title 49, United States Code, to enhance the safety and reliability of pipeline transportation, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. Odall (for himself & Mr. Schatz)

Viz:

1 At the end of title I, add the following:

2 **SEC. 1 ____ . LEAK DETECTION REQUIREMENTS AND METH-**
3 **ANE EMISSIONS FROM PIPELINES.**

4 (a) LEAK DETECTION REQUIREMENTS.—Section
5 60109 of title 49, United States Code, is amended by add-
6 ing at the end the following:

7 “(h) LEAK DETECTION REQUIREMENTS.—

8 “(1) IN GENERAL.—Not later than 2 years
9 after the date of enactment of this subsection, and
10 as part of the minimum standards for integrity man-
11 agement programs for distribution pipelines under

1 subsection (e), to the maximum extent practicable,
2 operators of distribution pipelines shall use advanced
3 leak detection technology described in paragraph (2).

4 “(2) ADVANCED LEAK DETECTION TECH-
5 NOLOGY.—Advanced leak detection technology re-
6 ferred to in paragraph (1) includes a high sensitivity
7 methane detector mounted on a vehicle equipped
8 with Global Positioning System technology that—

9 “(A) collects latitude and longitude coordi-
10 nates and methane concentration data simulta-
11 neously;

12 “(B) measures methane concentrations in
13 parts per billion; and

14 “(C) collects data points at a rate of at
15 least twice per second.

16 “(3) REGULATIONS.—Not later than 1 year
17 after the date of enactment of this subsection, the
18 Secretary shall promulgate regulations to carry out
19 this subsection.”.

20 (b) METHANE EMISSIONS FROM PIPELINES.—

21 (1) IN GENERAL.—Chapter 601 of title 49,
22 United States Code (as amended by section 110(a)),
23 is amended by adding at the end the following:

1 **“§ 60144. Methane emissions from pipelines**

2 “(a) IN GENERAL.—To the maximum extent prac-
3 ticable, the owner or operator of a pipeline facility shall—

4 “(1) use the best available technology to cap-
5 ture natural gas when making repairs to the pipeline
6 facility;

7 “(2) use the best available technology, includ-
8 ing, as applicable, advanced leak detection tech-
9 nology described in section 60109(h)(2), to search
10 for and identify leaks in the pipeline facility;

11 “(3) develop or participate in a replacement or
12 repair program for pipeline facilities that are known
13 to be leaky; and

14 “(4) report to the Secretary any event that in-
15 volves a release of gas from a pipeline facility that
16 results in an unintentional estimated gas loss of
17 50,000 cubic feet or more.

18 “(b) REGULATIONS.—Not later than 1 year after the
19 date of enactment of this section, the Secretary shall pro-
20 mulgate regulations to carry out this section.”.

21 (2) REPORTING THRESHOLD.—Not later than
22 90 days after the date of enactment of this Act, the
23 Secretary of Transportation shall amend section
24 191.3 of title 49, Code of Federal Regulations, to
25 ensure that the quantity of unintentional estimated

1 gas loss necessary to be considered an “incident”
2 under that section is 50,000 cubic feet or more.

3 (3) CLERICAL AMENDMENT.—The table of sec-
4 tions for chapter 601 of title 49, United States Code
5 (as amended by section 110(b)), is amended by in-
6 serting after the item relating to section 60143 the
7 following:

“60144. Methane emissions from pipelines.”.